

AMENDMENTS IN THE SPECIFICATION

1. Please amend the abstract as follows –

~~The present invention provides systems and methods to A~~
propulsion apparatus, ~~and particularly to propulsion devices~~ using
unbalanced centrifugal force to propel a vehicle in a unidirectional motion.
According to one embodiment, a device for conversion of centrifugal force
to linear force and motion is disclosed, comprising: a first gear rotatably
fixed to a first arm and having a first connecting bar rotatably attached to
and abutting the inner side of the first gear and a second connecting bar
rotatably attached to and abutting the outer side of the first gear; a second
gear in opposite rotational communication with the first gear and weighted
along an outer edge and rotatably attached to and abutting the first
connecting bar and the second connecting bar; and a first drive means for
translating centrifugal motion of the first gear to unidirectional motion.